



SEQUENCE LISTING

<110> Chr. Hansen A/S

<120> Method of Preventing Bacteriophage Infection of Bacterial Cultures

<130> 54337.000009

<140> 09/720,096

<141> 2000-12-21

<150> 60/091,735

<151> 1998-07-06

<150> PCT/DK99/00382

<151> 1998-07-03

<160> 11

<170> PatentIn version 3.3

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<212> DNA

<213> Artificial Sequence

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<223> PCR-primer for the construction of plasmid with deletion in thyA from strain CHCC373

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<211> 33

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<210> 3

<211> 32

<212> DNA

<213> Artificial Sequence

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 <212> DNA
 <213> Artificial Sequence

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 <212> DNA
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 of plasmid with deletion in thyA from strain CHC373

<400> 5
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<210> 6
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 <212> DNA
 <213> Lactococcus lactis subsp. cremoris

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aatgattcag cttttcaaag aaaataactt aggtgctttt ttagcaaatg aagtttattc 180

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| gaagtttctg ccccttgggg acgtatgct tctgcggtg gttaccaacc aactcttgca | 4140 |
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| cttgcaaaag caaaatcaat ggggtattaa ttcgatttct tatgaaatga caaagtga | 4740 |
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| gttggtccga tcgtt | 4815 |

<210> 8

<211> 2207

<212> DNA

<213> *Lactococcus lactis* subsp. *lactis*

<400> 8

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| attgcaaaa acgttatctc tattactgac ggtcaaattt tccttgaaaa tgacttatct | 180 |
| tattcaggtg tacgtcctgc catcgatgct ggttcttcag tttctcgggt tggatggtg | 240 |
| gcacagatca aagccatgaa gaaagttgct ggtactttgc gtcttgacct tgcgctattc | 300 |

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| cgtgaacttg aagcctttac tcaatttggg tctgatcttg atgaagcgac tcaagcaaaa | 360 |
| ttgaatcgtg gtcgtcgtac cgttgaagtt ttgaagcaac cattgcacaa accattggct | 420 |
| gttgaaaaac aagttttaat tctttatgca ttgactcatg gtcacttgga tgatgttcca | 480 |
| gttgatgacg tccttgattt tgaaacaaac aatgtccgat tcttcgatgc aaattatgca | 540 |
| aaactcttga acgtgattac tgaaactaaa gattgccaga agaagcaaaa ctcgacgaag | 600 |
| caattaaagc attctaaaat acaacgaatt attaataagg aggctaactc aatgggagct | 660 |
| tcacttaatg aaataaaaaac taagattgcc tcaacgaaga aaacaagtca aataactgga | 720 |
| gccatgcaaa tggtttccgc tgcgaaactt caaaaagctg aatctcatgc caaagcattt | 780 |
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| gccttgattg tctacaaaga tgtcaatggc ctaaaaacaa aaattactct tgaagttgct | 1800 |
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| cgtggacttg aagtccttga tacaggtaaa gcagtcagcg ttctgtttgg ggaagccact | 1920 |
| cttggtcgtg tttttaacgt ccttggtgat gttattgacg gtggggaaga atttgctgct | 1980 |
| gatgcagaac gtaatcctat ccataaaaaa gctccaacat ttgacgaatt gtcaactgca | 2040 |

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 <212> DNA
 <213> Streptococcus thermophilus

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| aacagctgag | catgctgctg | gtatgaccgc | aatgcagact | gccactgata | atgctaagaa | 1440 |
| aataattaac | gatttaacaa | ttcaatacaa | ccgtgcacgt | caagcagcca | ttactcagga | 1500 |
| aatcactgag | attgttggcg | gtgctagtgc | acttgaatag | ctagagattt | gtcttgattt | 1560 |
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| tgttcctggt | ggtaaagaac | ttcttggacg | tgtctttaac | gtgcttggag | ataccattga | 1920 |
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| cttcgatgaa | ttgtcaacaa | gtactgaaat | ccttgaaaca | gggattaaag | ttatcgactt | 2040 |
| gcttgcccct | tatcttaaag | gtggtaaagt | cggacttttc | ggtggtgccg | gtgttggtaa | 2100 |
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<210> 10
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 <212> DNA
 <213> phaffia rhodozyma

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| accccgctgt | cgatcccctt gattctaagt cccgaatgct cgacccccga attgtcggac 480 |
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| atgtcaaggc caaggctgct gcccaggcta aggagttggc tgcttaagag aagagttgtc | 840 |
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<210> 11
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| cgtggttcca aggca | 375 |